

WHAT IS CLAIMED IS:

1. An image processing program used to direct a computer to perform the functions of:

playing back moving picture data recorded on a record medium, and displaying

5 moving pictures in a moving picture display area set on a monitor;

extracting a predetermined number of frames of still picture data immediately before, after, or before and after a moment when a still picture extract command is input, from moving picture data at predetermined intervals, together with still picture data at the moment when the still picture extract command is input, based on the still picture extract
10 command input during playback of the moving picture data;

playing back each piece of the extracted still picture data, and displaying a still picture in a plurality of still picture display areas set in an area different from the moving picture display area on the monitor; and

recording each piece of the extracted still picture data on a record medium.

15 2. An image processing apparatus, comprising:

a moving picture playback device which plays back moving picture data recorded on a record medium, and displays moving pictures in a moving picture display area set on a monitor;

a record instruction device which designates a frame of a moving picture
20 displayed in the moving picture display area to be recorded as a still picture;

a still picture data extraction device which extracts a predetermined number of frames of still picture data immediately before, after, or before and after a moment when a record instruction is received, from moving picture data at predetermined intervals, together with still picture data at the moment when the record instruction is received,
25 based on the record instruction received during playback of the moving picture data;

a still picture playback device which plays back each piece of the still picture data extracted by said still picture data extraction device, and displays a still picture in a plurality of still picture display areas set in an area different from the moving picture display area on the monitor; and

30 a recording device which records each piece of the still picture data extracted by said still picture data extraction device on a record medium.

3. The image processing apparatus according to claim 2, further comprising:
an extraction condition instruction device which designates a number of frames
and intervals of still picture data to be extracted from the moving picture data, wherein
said still picture data extraction device extracts the still picture data at the
5 intervals and the number of frames of the still picture data designated by said extraction
condition instruction device from the moving picture data.

4. The image processing apparatus according to claim 2, further comprising
a record execution instruction device which designates execution of recording
each piece of still picture data extracted by said still picture data extraction device,
10 wherein
said recording device records on a record medium each piece of still picture data
extracted by said still picture data extraction device according to an instruction to
execute recording from said record execution instruction device.

5. The image processing apparatus according to claim 3, further comprising
15 a record execution instruction device which designates execution of recording
each piece of still picture data extracted by said still picture data extraction device,
wherein
said recording device records on a record medium each piece of still picture data
extracted by said still picture data extraction device according to an instruction to
20 execute recording from said record execution instruction device.

6. The image processing apparatus according to claim 2, further comprising:
an optical image capturing system;
an image pickup device;
25 a moving picture data generation device which continuously captures images
picked up by said image pickup device through said optical image capturing system in a
predetermined period, and generates moving picture data; and
a moving picture data recording device which records moving picture data
generated by said moving picture data generation device on a record medium.

7. The image processing apparatus according to claim 3, further comprising:

an optical image capturing system;

an image pickup device;

a moving picture data generation device which continuously captures images

5 picked up by said image pickup device through said optical image capturing system in a predetermined period, and generates moving picture data; and

a moving picture data recording device which records moving picture data generated by said moving picture data generation device on a record medium.

10 8. The image processing apparatus according to claim 4, further comprising:

an optical image capturing system;

an image pickup device;

a moving picture data generation device which continuously captures images

15 picked up by said image pickup device through said optical image capturing system in a predetermined period, and generates moving picture data; and

a moving picture data recording device which records moving picture data generated by said moving picture data generation device on a record medium.

9. The image processing apparatus according to claim 5, further comprising:

20 an optical image capturing system;

an image pickup device;

a moving picture data generation device which continuously captures images

picked up by said image pickup device through said optical image capturing system in a predetermined period, and generates moving picture data; and

25 a moving picture data recording device which records moving picture data generated by said moving picture data generation device on a record medium.